ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 187–188 (2001) 571–572

COLLOIDS AND SURFACES A

www.elsevier.nl/locate/colsurfa

Author Index

Akesbi, S., 439
Alié, C., 367
Antxustegi, M., 219
Aranovich, G.L., 95

Bagotzky, V.S., 349
Bandosz, T.J., 539
Beutel, T., 319
Blacher, S., 375
Blinov, I.A., 349
Bräuer, P., 459
Brennan, J.K., 539
Bulutcu, A.N., 405
Burlot, R., 233
Butler, D.A., 267

Calo, J.M., 207, 219
Cerepi, A., 233
Coleman, N.J., 123
Coppens, M.-O., 257
Cordero, S., 425

Day, C., 187
Díaz-Terán, J., 167
Do, D.D., 51
Do, H.D., 51
Dohrer, K.K., 483
Dombrowski, R.J., 23
Domínguez, A., 415
Donohue, M.D., 95
Dudziak, G., 523
du Fresne von Hohenesche, C., 109

Enke, D., 131

Gavalda, S., 531
Gibson, P., 469
Gille, W., 131
Gómez de Salazar, C., 151
Gonul, B.B., 405
Gras, R., 523
Grün, M., 109
Gubbins, K.E., 523, 531, 539

Hale, W.R., 483
Hall, P.J., 219
Hirao, K., 117, 273
Hsieh, Y.-L., 385
Humbert, L., 233
Hyduke, D.R., 23

Ishizuka, N., 273

Janowski, F., 131
Jerez, A., 167
Jérôme, R., 375
Jinnai, H., 117

Kaneko, K., 177, 531
Kärger, J., 459
Kim, C., 385
Kornhauser, I., 415
Kumar, D., 109
Kuppa, V., 509

Lastoskie, C.M., 23
Lee, J.C., 399
Lépinasse, G., 337
Leveiller, F., 337
López-Peinado, A.J., 167

MacElroy, J.M.D., 493
Manav, H., 405
Manias, E., 509
Maquet, V., 375
Melnichenko, Y.B., 117
Mendioroz, S., 141
Minakuchi, H., 273
Morrow, N.R., 449
Myers, A.L., 73, 83

Nakanishi, K., 117, 273
Neimark, A.V., 1, 11
Neugebauer, N., 459
Nevskaia, D.M., 167
Nguyen, C., 51
Norberg, V., 281, 297, 311

Ohkubo, T., 177
Ozcan, O., 405

Park, M.J., 399
Peltre, M.-J., 319
Pérez-Aguilar, H., 415
Pirard, J.-P., 367, 375
Pirard, R., 367, 375
Pozhar, L.A., 493

Radhakrishnan, R., 523
Rasmussen, F.B., 327
Ravikovitch, P.I., 11
Reichenauer, G., 41
Riccardo, J.L., 425
Rivin, D., 469
Rodríguez-Reinoso, F., 151
Rojas, F., 415, 425

Sand, I.D., 483
Sapag, K., 141
Sato, Y., 117
Sautel, M., 337
Scherer, G.W., 41
Schreuder-Gibson, H., 469
Schumacher, K., 109
Schwieger, W., 131
Sepúlveda-Escribano, A., 151
Shibayama, M., 117
Shin, H.I., 399
Sikorski, R., 523
Silvestre-Albero, J., 151
Sing, K., 3
Siperstein, F., 73
Sliwinska-Bartkowiak, M., 523

PII: S0927-7757(01)00793-2

Song, H.J., 399
Sosenkin, V.E., 349
Su, B.L., 319
Su, B.-L., 281, 297, 311
Suh, S.-H., 493

Talu, O., 83
Tanaka, N., 273
Tant, M.R., 483
Tarfaoui, M., 439
Thielmann, F., 267
Thomas, M.A., 123
Thomson, K.T., 531, 539

Unger, K.K., 109

Volfkovich, Y.M., 349

Wignall, G.D., 117
Williams, D.R., 267
Wo, S., 449

Xie, X., 449

Yang, D.-K., 509

Zax, D.B., 509
Zhang, L.-H., 207

ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 187–188 (2001) 573–574

COLLOIDS AND SURFACES A

www.elsevier.nl/locate/colsurfa

Subject Index

Activated carbon, 51, 151, 267
Activated carbons, 167, 539
Activated charcoal, 187
Adsorbate–adsorbate repulsions, 95
Adsorption, 11, 41, 73, 83, 167, 187, 531, 539
Adsorption isotherm, 349
Adsorption of gas on solid, 95
Aerogel, 41
Aging, 273
Alcohol, 177
Alumino-silicate fiber, 399
Aluminum-hydroxide, 327
Aluminum oligocations, 141
Ammonia, 281
Argon, 11

Basic cell, 439
Benzene, 281
Benzene adsorption, 297, 311
BET method, 3
BET surface area, 123
Boehmite, 327
Breathable, 483
Brönsted acidity, 311
Buckling mechanism, 367

Calcium carbonate, 483
Calorimetry, 509
Capillary condensation, 11, 41
Capillary pressure, 449
Carbon, 187
Carbon aerogel, 531
Carbonate, 233
Carbon micropores, 177
Carbon molecular sieves, 151
Carbon–oxygen surface complexes, 207
Colloidal silica, 131
Competitive adsorption, 281
Compliant porous material, 41
Contrast-matching, 219
Correlated porous networks, 415
Cotton (unscoured, scoured), 385
Cross-section, 439
Cryovacuum, 187

Data analysis, 327
Density functional theory, 11, 23
Diffusion, 257, 459, 493
Distribution function, 449
Dual site-bond model, 425
Dynamics, 509

Electron microscopy, 337
Electrospinning, 469
Electrospun, 469
Energy, 73
Enthalpy, 73
ERDF analysis, 177

Fiber, 469
Film, 483
Filtration, 405
Finite elements, 439
Fractal, 257
Freezing behavior, 523
FTIR, 281
FTIR spectroscopy, 297

GCMC simulations, 83
Gel-derived silica, 123
Glass transition, 509

1H and 29Si MAS NMR, 319
Helium, 187
Hitrogen, 11
H-Mordenite zeolite, 311
Horvath–Kawazoe method, 23
HPLC, 273
Hydrofluoric acid, 399
Hydrogen, 187
Hysteresis, 11

Image analysis, 375

PII: S0927-7757(01)00794-4

Imbibition, 415
Immersion calorimetry, 151
Immiscible displacement, 415
Impedance spectroscopy, 375
Infrared, 311
Invasion percolation, 415
Inverse gas chromatography, 267
Isosteric heat, 83

J-function, 449

Liquid retention, 385
Location of cations, 297
Location of protons, 311
Low-density xerogels, 367

MCM-41, 523
MCM-48, 109
MCM-41, 11, 109
Membrane, 469
Mercury intrusion porosimetry, 337
Mercury porosimetry, 123, 233, 367
Mesopore, 273
Mesoporous materials, 131
Method of non-mercury non-destructive standard contact porosimetry, 349
Methylamine, 281
Micro-mesoporous solids, 141
Microporosity, 11
Microporous, 483
Microporous materials, 267
Microporous solids, 23
Mineral filter cakes, 405
Mixed-wetting, 415
Mixture, 73
Molecular area, 385
Molecular modeling, 539
Molecular simulation, 531, 539
Molecular traffic control, 459
Monolayer capacity, 95
Monolithic column, 273
Monte Carlo simulation, 459
Morphology, 367
Multi-layering adsorption, 51

NaBeta zeolite, 281
NaEMT, 297
Nanopores, 493
NaX zeolite, 319
Nitrogen adsorption, 3, 131
Nonequilibrium molecular dynamics, 493
Nonionic surfactants, 385
Number and strength, 311

Ordered mesoporous silicas, 109
Organic vapor sorption, 267
Oxides, 267

Particle size, 405
Permeametry, 233
Petrographic image analysis, 233
Pharmaceutical powder, 337
Phase separation, 117
Phenol adsorption, 319
Physisorption, 3
Pillared clays (PILCs), 141
Plain weave, 439
Polyactide foams, 375
Polyethylene, 483
Pore, 399
Pore filling, 51
Pore filling model, 23
Pore size analysis, 3, 23
Pore size distribution, 11, 41, 51, 167, 367, 449
Pore structure, 327
Pore volume, 123
Porosity and porosity development in carbons and chars, 219
Porosity characterization of carbons and chars, 207
Porous, 469
Porous catalyst, 257
Porous glasses, 131, 523
Porous material, 337
Porous materials, 375
Porous medium, 233

Quasi-hydrodynamic theory, 493

Reaction, 257
Reference material, 123
Reference potentials, 83

SANS, 117
SBA-15, 11
Self-organization, 117
Shear strength, 405
Silica, 117, 273
Silicalite, 83
Silica polymorphs, 109
Simulation, 73
Simulation of 3-D porous networks, 425
Single-file system, 459

Si-rich NaY zeolites, 297
Size and connectivity segregation effects in porous media, 425
Small angle neutron scattering, 219
Small angle scattering, 327
Small-angle X-ray scattering, 257
Small angle X-Ray scattering, 131
Sol–gel, 117
Sorbitan monolaurate (Span 20) and polyoxyethylene(20) sorbitan monolaurate (Tween 20), 385
Surface area, 3
Surface area: FTIR, 399
Surface compression of adsorbates, 95
Surface polarity, 151
Surfactants, 405

Textural properties, 337
Theoretical models, 439
Thermal desorption, 207
Topologically heterogeneous substrata, 425

Variable connectivity, 425

Water, 539
Wettability, 449
Wetting, 385
Wetting angle, 349

X-ray diffraction (XRD), 177

Zeolites, 151, 459